

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
28 July 2005 (28.07.2005)

PCT

(10) International Publication Number
WO 2005/068207 A1

- (51) International Patent Classification?: **B41M 5/26**, C09D 11/00, 11/02 (74) Agent: GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
- (21) International Application Number: PCT/GB2005/000121 (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 14 January 2005 (14.01.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0400813.2 14 January 2004 (14.01.2004) GB (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (for all designated States except US): **SHERWOOD TECHNOLOGY LTG.** [GB/GB]; Unit 3, Wheldon Road, Wildnes, Cheshire WA8 8FW (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **KHAN, Nazir** [GB/GB]; Sherwood Technology Ltd., Heathcoat Building, Nottingham Science & Technology Park, University Boulevard, Nottingham NG7 2QJ (GB). **WALKER, Martin, Robert** [GB/GB]; Sherwood Technology Ltd., Heathcoat Building, Nottingham Science & Technology Park, University Boulevard, Nottingham NG7 2QJ (GB).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 2005/068207 A1

(54) Title: LASER IMAGING

(57) Abstract: An ink formulation comprises a marking component and a metal salt that absorbs laser irradiation at 700-2000 nm and thereby causes the marking component to change colour. A copper salt is particular allows effective marking with a diode or CO2 laser. I